

18
OPTIMIZED SWITCH CARD

Abstract of the Disclosure

5 An optimized network (300), includes providing a switch card topology (350) having a plurality of switching elements (305), where the plurality of switching elements are arranged to form a switch configuration (303). N number of payload interfaces (307) are coupled to the switch configuration, where each of the N number of payload interfaces is coupled to interface with one of a plurality of payload slots (308). A set of N payload
10 module configurations (402, 502) is characterized by a sequential addition (320) of a payload module (304) into each of the plurality of payload slots, where the sequential addition of the payload module couples the payload module to the network. N number of payload interfaces are coupled to the switch configuration such that a latency function (616) is minimized for the switch configuration and the set of N payload module
15 configurations.